

Heavy-Duty

Up to 460 lbs./pair*
Single Slot Design
Adjustable in 1" Increments



183R Right Flanged Bracket



183L Left Flanged Bracket



183C Center Flanged Bracket



83 Series Oversized Standard

83™ Series Oversized Standard & 183™ Series Flanged Bracket System

Applications Great for use in special applications and custom fixture design, especially in retail store fixtures, displays and storage areas. Made for use in applications with long runs of shelving.

Load Rating Varies per size*, BHMA Grade 2 Compliant*

Mounting Wall

Material 16-Gauge Steel Construction

Finishes Compliant: Anochrome (ANO): Attractive, long-lasting, corrosion resistant finish.

Features The oversized width of the 83 Series Oversized Standard provides added strength and stability to allow for heavier weight loads. These standards are compatible with 1" vertically adjustable brackets.

The 183 Series Flanged Brackets are designed with flanges containing keyhole style mounting holes to allow the quick and easy fixturing of shelving. Brackets and shelving remain firmly in place when used in applications that involve heavy usage. Use with the 83 Series Oversized Standards for optimal installation.

83 Series Oversized Standards

- Dimensions: 3/4" wide x 1/2" deep x selected length
- 16-gauge steel construction
- Made in the USA
- Available from open stock

183 Series Flanged Brackets

- 16-gauge steel construction
- Vertically adjustable in 1" increments
- Flanges make attachment of wood shelves to brackets quick and simple
- Double flange support for joining two shelves (183C)
- Can also be used with 85 Series Standards for added support in long shelving runs
- Made in the USA
- Available from open stock

* Contact KV Customer Service for more information.

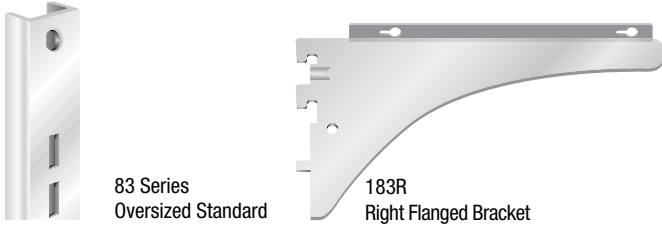
83 Series Oversized Standards

Standard Pack (10/pack)	
Size	Anochrome (ANO)
24"	83 ANO 24
36"	83 ANO 36
48"	83 ANO 48
60"	83 ANO 60
72"	83 ANO 72
84"	83 ANO 84
96"	83 ANO 96

183 Flanged Brackets

Standard Pack (10/pack)			
Size	Anochrome (ANO)		
	Right	Left	Center
8"	183R ANO 8	183L ANO 8	183C ANO 8
10"	183R ANO 10	183L ANO 10	183C ANO 10
12"	183R ANO 12	183L ANO 12	183C ANO 12
14"	181R ANO 14	181L ANO 14	181C ANO 14
16"	183R ANO 16	183L ANO 16	183C ANO 16
18"	183R ANO 18	183L ANO 18	183C ANO 18
20"	183R ANO 20	183L ANO 20	183C ANO 20

83™ Series Oversized Standard & 183™ Series Flanged Bracket System



83 Series
Oversized Standard

183R
Right Flanged Bracket

Technical Data	
Bracket Size	Shelf Depth
8"	8"
10"	10"
12"	12"
14"	14"
16"	16"
18"	18"
20"	20"

1. Product Name

83 Oversized Wall Standard. 183 Series Flanged Adjustable Bracket.
For special effects and custom fixtures design.

2. Manufacturer

Knap & Vogt® Manufacturing Company
2700 Oak Industrial Dr. NE, Grand Rapids, MI USA 49505-6026
616.459.3311 | www.kv.com

3. Product Description

Basic Use: 83 Series Oversized Wall Standards and 183 Series Adjustable Flanged Brackets are manufactured for storage and display applications in retail stores, light warehouses, light industrial, repair garages, maintenance storage, business office storage, residential storage and other heavy-load situations.

83 Series Oversized Wall Standards mount to all wall types, and accommodate 180 ANO Brackets and all other KV 1in adjustable brackets. 83 Series Oversized Wall Standards can also be used with 85 Standards in long shelving runs for additional support.

83 Series Adjustable Flanged Brackets are available for use in left or right end positions (single glanges), and with double flanges for joining two shelves. 83 Series Adjustable Flanged Brackets can be used with 1in adjustment standards.

Composition and Materials: 16-gauge steel.

Sizes:

83 Standards: 3/4" wide x 1/2" deep x selected length; compatible with 1in adjustment brackets.

Stock Lengths: 24", 36", 48", 60", 72", 84", 96"

183 Brackets: used for shelf depths of 8", 10", 12", 14", 16", 18", and 20".

Finishes: ROHS Compliant: Anochrome (electro-plated steel).

4. Technical Data

Applicable Standards: Standards and brackets are tested to meet or exceed the ANSI performance standards as established by BHMA in the Knap & Vogt (KV) recommended application (see load rating chart).

These load limits are intended to be used as general guidelines only, and no warranty — expressed or implied — is made by Knap & Vogt, as to the actual results that will be obtained in your specific application.

Results were obtained by laboratory testing in accordance with ANSI/ BHMA A156.9-2003 performance standard. (Load ratings based on brackets being mounted on 16" centers. Wider spacing will result in reduced load capacity.) Actual use conditions will typically result in lower load capacity than laboratory conditions.

Representative testing in a fully configured application is the only way to assure proper performance, durability, and safety. Contact KV for verification testing service of your specific application.

Environmental Considerations:

Environment: Excessive humidity, salts, or other chemical agents can corrode the finish and attack metal or plastic components.

Fastening: Inadequate or incorrect fasteners can result in the standards pulling loose and causing damage.



KNAPE & VOGT.

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Alignment: Improper standard and bracket alignment can result in a system that is ineffective and unsafe.

The aforementioned shelf support load limit is intended as a guide only and not as a warranty. Actual load bearing capabilities depend upon the type of cabinet/wall material and use of appropriate shelf standard mounting fasteners, installation technique, shelf standard spacing, shelf size and construction.

5. Installation

For maximum loading capacity, brackets should be mounted directly to wall studs, which are generally found on 16" centers. Prior to drilling all holes, check to be sure that the bracket is vertically level. (If standards will not be mounted to studs, use appropriate wall anchors.) Use the recommended fasteners (#8 flat head screws) in all holes to properly secure the standard. Prior to drilling all holes, check to be sure that the standard is vertically level. Place the bracket into the standard slots. Using a hammer handle or screwdriver handle, tap lightly near the bracket's base. The bracket will snap into place.

6. Availability and Cost

Availability: Knap & Vogt (KV) products are available from stocking distributors and through KV Representatives worldwide.

Cost: Current pricing is available from area KV Representatives. Please call for the nearest representative at: 800.253.1561.

7. Warranty

Limited Lifetime Warranty: Knap & Vogt offers its standard Limited Lifetime Warranty to the initial purchaser of commercial products. This warranty covers defects in materials and workmanship which occur during normal use, and the remedy is limited to repair or replacement of defective products, at KV's option. Certain types of defects and damage are excluded from warranty coverage, costs and expenses are not covered, and additional restrictions apply. A copy of the Limited Lifetime Warranty, with all warranty details, limitations and disclaimers, is available on the Customer Care Connection location at www.kv.com or from KV Customer Service, 2700 Oak Industrial Drive, Grand Rapids, MI 49505, 800.253.1561.

8. Maintenance

83 Series Oversized Wall Standards and 183 Series Flanged Adjustable Brackets require no maintenance. Inspect for proper fit periodically and adjust when necessary. Replace as required or recommended by application.

9. Technical Services

Knap & Vogt and area representatives can assist with any application. For further information, or for the name of the representative nearest you, please call Knap & Vogt Customer Service: 800.253.1561 or visit our website at: www.kv.com.

10. Filing Systems

Additional product information, data sheets, application sheets, and a full catalog are available upon request from Knap & Vogt.

BHMA Knap & Vogt shelving products follow the ANSI testing standards established by BHMA.

This and other KV literature is available for download at www.kv.com > Resource Library
Knap & Vogt reserves the right to change product specifications at any time without notice and without incurring responsibility for existing units. This information conforms to editorial style prescribed by The Construction Specifications Institute.
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